



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Rothschild et al.
SERIAL NO : 09/380,419
FILED : July 24, 2000
TITLE : MELANOCORTIN-4 RECEPTOR GENE AND USE AS A GENETIC
MARKER FOR FAT CONTENT, WEIGHT GAIN, AND/OR FEED
CONSUMPTION OF ANIMALS

Grp./A.U. : 1634
Examiner : Einsmann, J. C.
Conf. No. : 2593
Docket No. : P03815US1

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated August 14, 2002 please amend the above-
identified application as follows:

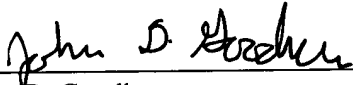
In the Specification

On page 5, the paragraph at lines 1 and 2 has been replaced with the following:

Figure 2 represents a comparison of the DNA sequence between the human (SEQ ID NO:
2) and the porcine (SEQ ID NO: 1) MC4R gene.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being mailed via first class mail, in an envelope
addressed to: United States Patent and Trademark Office, BOX SEQUENCES, P.O. Box 2327,
Arlington, VA 22202, on this 14th day of February 2003.


John D. Goodhue